Express Mail Number EU067841807US Title: Twin Hull Personal Watercraft

What I claim as my invention is:

1. A watercraft for transporting one or more human users, comprising:

a first hull comprising a first cavity extending from the top of the hull downwards substantially to the bottom of said hull, said first cavity being sufficiently wide to accommodate a user's leg and foot when the user is in a sitting, standing, riding, or kneeling position;

a second hull comprising a second cavity extending from the top of the hull downwards substantially to the bottom of said hull, said second cavity being sufficiently wide to accommodate a user's leg and foot when the user is in a sitting, standing, riding, or kneeling position; and

a connector rigidly attached to each of the first and second hulls, wherein user(s) of the watercraft can use the watercraft by having one foot and/or leg in the cavity of each hull.

- 2. The watercraft of claim 1, further comprising a saddle attached to said connector.
- 3. The watercraft of claim 1, wherein at least a portion of the bottom of the hull that is accessible through the cavity of each hull is substantially flat, wherein the user's feet rest on the substantially flat portion of the bottom of the hull when the user is standing with one foot in each cavity.
- 4. The watercraft of claim 2, wherein the saddle is longer in the foreaft dimension than side to side.
- 5. The watercraft of claim 1, wherein each hull has a wetted beam of between about 4 inches and about 8 inches.

Express Mail Number EU067841807US Title: Twin Hull Personal Watercraft

- 6. The watercraft of claim 4, wherein each hull has a wetted beam of between about 4 inches and about 6 inches.
- 7. The watercraft of claim 1, wherein each hull has a length to wetted beam ratio between about 12/1 and about 40/1.
- 8. The watercraft of claim 7, wherein each hull has a length to wetted beam ratio between about 20/1 and about 40/1.
- 9. The watercraft of claim 1, wherein said first hull is between about 4 inches and about 30 inches from said second hull measured at the approximate height of the bottom of the first and second hulls.
- 10. The watercraft of claim 9, wherein said first hull is between about 4 inches and about 18 inches from said second hull measured at the approximate height of the bottom of the first and second hulls.
- 11. The watercraft of claim 10, wherein said first hull is between about 4 inches and about 12 inches from said second hull measured at the approximate height of the bottom of the first and second hulls.
- 12. The watercraft of claim 1, wherein each hull has an inwardly facing side that runs from bow to stern and that is attached to the connector, and an outwardly facing side that runs from bow to stern, and said inwardly facing side is shorter than said outwardly facing side in the fore-aft dimension.
- 13. The watercraft of claim 12, wherein the inwardly facing side is substantially planar below the height of the connector.
- 14. The watercraft of claim 12, wherein the distance between the two inwardly facing sides tapers toward the fore-aft centerline of the connector.
- 15. The watercraft of claim 1, wherein each of the first and second hulls are taller than wide.
- 16. The watercraft of claim 4, wherein each hull is between about 12 inches and about 20 inches tall.

Express Mail Number EU067841807US Title: Twin Hull Personal Watercraft

- 17. The watercraft of claim of 1, wherein the wetted beam to draft ratio of each hull is between about 1/1 and about 2/1.
- 18. The watercraft of claim 1, wherein the connector is approximately coincident with the center of buoyancy of said first hull and said second hull in the fore-aft dimension.
- 19. A modular kit for assembling the watercraft of claim 1, comprising two hulls and a connector rigidly attachable to the two hulls.
- 20. A watercraft for transporting one or more human users, comprising:

a first hull means comprising a cavity means extending from the top of the hull downwards substantially to the bottom of said hull, said cavity being sufficiently wide to accommodate a user's leg and foot when the user is in a sitting, standing, riding, or kneeling position;

a second hull means comprising a cavity means extending from the top of the hull downwards substantially to the bottom of said hull, said cavity being sufficiently wide to accommodate a user's leg and foot when the user is in a sitting, standing, riding, or kneeling position; and

a connector means rigidly attached to each of the first and second hulls, wherein user(s) of the watercraft can use the watercraft by having one foot and/or leg in the cavity of each hull.

- 21. The watercraft of claim 1, further comprising a saddle means.
- 22. A method of manufacturing the watercraft of claim 1, comprising manufacturing the first hull, the second hull and the connector, and assembling said first hull, said second hull and said connector to make the watercraft of claim 1.